

250610



**Closure of Building Openings
EPA Removal Order
02-2010-2012
Standard Chlorine Site
Kearny, NJ**



TEAM INTRODUCTION

- Respondents – Beazer East & Standard Chlorine Co.
- Key Environmental
 - Jim Zubrow – Project Coordinator
 - Teresa Royek – Project Manager
 - John Francis – Corporate Safety Director
 - Jamak Koochak/J. Pieretti – Owner's Engineer
- Nova Development Group
 - Todd Grant – Owner/Project Director
 - Project Manager
 - Safety Manager
 - Superintendent
- EPA On-Scene Coordinator
 - Kim Staiger
 - Bonnie L. Hriczko



OBJECTIVES

- Close openings and repair fence to reduce potential for access by trespassers to buildings and area
- Secure openings to reduce potential for wind transport of dust
- Verify warning signs along fenceline



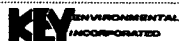
PROJECT OVERVIEW

- Conduct H&S Review
- Mobilization
- Define Exclusion Area(s) and Decontamination Area(s)
- Verify Integrity of Perimeter Fence
- Verify Warning Signs, Replace if necessary
- Clear Vegetation from work area
- Close Openings
- Decon Equipment/Tools
- Demobilization



METHODS FOR CLOSING OPENINGS

- Man-Doors and Windows
- Double Doors & Garage Doors
- Roof Openings



Site Security, Access & Building Safety

- Warning Signs
 - Perimeter Fence
 - Roof Openings
- Site Access
 - Daily sign-in log
 - Deliveries – not in work zone; support zone only
 - Lock Gates
 - Use Northern Gate to access work area/exclusion zone



PARKING, STAGING AND LAYDOWN AREA

See hand out



PROJECT COORDINATION

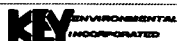
- Jim Zubrow – Project Coordinator
- Todd Grant – Nova
- Kim Staiger – EPA OSC

- The Methods/Materials detailed in the Work Plan may be modified slightly in the field based on site conditions
- Must inform Project Coordinator and EPA OSC prior to change



EMERGENCY CONTACT INFORMATION

- Key Environmental
 - Jim Zubrow – 412-527-2356
 - TERESA ROYEK 724-967-1949
- Nova
 - Todd Grant – 732-565-3655
- EMERGENCY – CALL 911



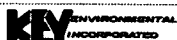
Communication Procedures

- Minor Field Decisions – Key Engineer
- Major Field Decisions – Key PC, EPA OSC
- Application for Payment – Key PM and Nova agree to % complete at end of month; submit invoice no later than 10th day
- Reports – Key
 - Daily Field Log
 - Bi-Weekly Progress Report
 - Final Report – scheduled due date Nov. 18, 2010



WEEKLY PROGRESS MEETING

- FRIDAY MORNING AT 10AM
- ATTENDEES



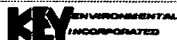
SPECIAL SITE CONDITIONS

- Busy site - On-Going IRAW by WRSCompass
- COPR in area – must use decon (especially boots) after leaving work area
- Soft soils/muddy conditions
- Sensitive Site – Hackensack River, Meadowlands and visible to public



USE OF PREMISES

- **Work Hours – Monday through Friday 7am to 5pm**
- **Limited to Work Area**
 - Field Office (no electric hook-up; generator only)
 - Sanitary Facilities – temporary; Contractor supplied
 - Water – Non-potable through hydrant/garden hose at end of driveway
 - Telephone – cell

**ENVIRONMENTAL PROTECTION**

- **Stormwater Protection**
 - Minimize disturbance of COPR
- **Spill Prevention, Control & Clean-up**
 - Spill kits in fueling area
 - Absorbent materials

**SECURITY PROCEDURES**

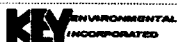
- **Fenced work area with posted warning signs**
- **Contractor Responsible for Security of Equipment and Personnel in Work Zone**

**HOUSEKEEPING PROCEDURES**

- **Tidiness of Work and Staging Areas**
- **Good Housekeeping Practices – daily**
 - Nails bent
 - Trash collected regularly and placed in bins
 - Food trash collected daily from lunch area
 - Walkways cleared

**SCHEDULE**

- **See hand out**

**PUBLIC RELATIONS**

- **POLITELY REFER ALL QUESTIONS TO PEG KELLY (212) 249-0616**
 - CONCERNED CITIZENS
 - MEDIA
 - CITY OFFICIALS



HEALTH AND SAFETY BRIEFING

EPA REMOVAL ORDER CLOSURE OF BUILDING OPENINGS

HEALTH AND SAFETY PLAN REVIEW

- Introduction
- Program Organization and Responsibilities
- Site Characterization and Hazard Assessment
- Medical Surveillance
- Work Practices and Site Control
- Personal Protective Equipment
- Monitoring
- Material Handling and Decontamination
- Emergency Procedures
- Training

Site Characterization and Assessment

- Site Background and Description
- Scope of Work
- Chemical Health Hazards
 - VOCs
 - SVOCs
 - Dioxin
 - Chromium
 - Asbestos
 - Hazardous Chemicals brought onto Site

Site Characterization and Assessment

- Confined Spaces
- Heat Stress
- Cold Stress
- Biological hazards

Work Practices and Site Control

- Routine Safe Work Practices
- Work Restrictions
- Limiting Exposure
 - Close openings upwind side of building
 - Close openings adjoining sides of building
 - Close openings downwind sides of building
 - Close openings on roof

Work Practices and Site Control

- Fall Protection - Elevated Work Platforms
 - Fall from elevation
 - Falling objects into/out of lift
 - Exceeding load capacity
 - Entanglement
 - Contact causing caught between or against
 - Uneven terrain
 - High winds or bad weather
 - Vehicle exhaust

Work Practices and Site Control

- › Fall Protection – Elevated Work Platforms
 - Pre-start and during work inspections

Work Practices and Site Control

- › Operating Hazards
- › Generators
- › Lifting
- › Hand and Power Tool Safety
- › Slip, Trip, Fall
- › Dust Control

Work Practices and Site Control

- › Site Access
- › Work Zones
- › Housekeeping
- › Sanitation/Changing Facilities
- › Contamination and Exposure Protection
- › Buddy System
- › Site Communications

PERSONAL PROTECTIVE EQUIPMENT

- › Site-Specific Levels of Protection
 - Level D
 - Modified Level D
 - Level C upgrade

MONITORING

- › VOCs
- › Dust

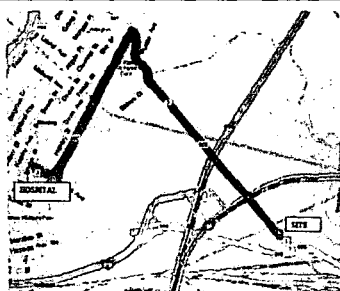
MATERIAL HANDLING AND DECONTAMINATION

- › Decon area
- › Boot wash after walking across brown gravel area (COPR)

EMERGENCY PROCEDURES

- Personal injuries
- Fire
- Chemical exposure
- Spills
- Emergency Contacts
- Notification
- Documentation

EMERGENCY NUMBERS Standard Chlorine Chemical Company Site Kearny, NJ	
Fire	911
Police	911
Ambulance	911
HOSPITAL - West Hudson Hospital 250 Bergen Ave Kearny, NJ 07032	(201) 915-7040 (emergency)
Poison Control Center	(800) 222-1222
Key Environmental, Inc. - Health & Safety - John Francis	(412) 278-2363 (412) 327-1644 (x)
DIRECTIONS TO EMERGENCY ROOM	
West Hudson Hospital (CH) 995-7000 250 Bergen Avenue Kearny, NJ 07032	
Turn right onto Belleville Pike and follow west to Schuyler Avenue (near the cemetery). Turn left onto Schuyler Avenue at the cemetery. Follow Schuyler to Bergen Avenue. Turn right onto Bergen Avenue and follow approximately two blocks to the hospital. Approximately 4 miles (10 minutes) to hospital.	
UTILITY NUMBERS	
Call Before You Dig (Garden State Underground Pipe Location Service)	800-272-1000
Public Service Electric and Gas	800-436-7734



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250 Bergen Avenue
Kearny, NJ 07032

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